

## Certificate of Analysis

**Name:** SARS-CoV-2 (B.1.1.529/Omicron) Spike Glycoprotein (S1) RBD, His-Tag (HEK293)

**Product Code:** REC32007-100 / REC32007-500

**Batch #:** 21121815P

**Date of Manufacture:** 18-DEC-2021

**Product Description:** Recombinant SARS-CoV-2 Omicron variant Spike receptor binding domain protein. Relative to Wuhan-Hu-1 this protein has following amino acid changes: G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493R, G496S, Q498R, N501Y, Y505H.

**Expression System:** HEK293

**Accession:** GISAID EPI\_ISL\_6795838

**Strain/Isolate:** B.1.1.529

**Amino Acids:** 316-538

**Tag:** His-tag, C-terminus

**Expected Molecular Weight:** 27 kDa

**Observed Molecular Weight:** 35 kDa

**Amount:** 0.1 mg / 0.5 mg

**Concentration:** 1.91 mg/ml

**Purity:** >85%

**Presentation:** Liquid

**Buffer:** Dulbecco's phosphate buffered saline (DPBS) pH7.4

### Usage Guidelines

**Short Term Storage:** -80°C

**Long Term Storage:** -80°C

**Stability:** Not determined

**Freezing:** Can be frozen, but avoid multiple freeze-thaw cycles.

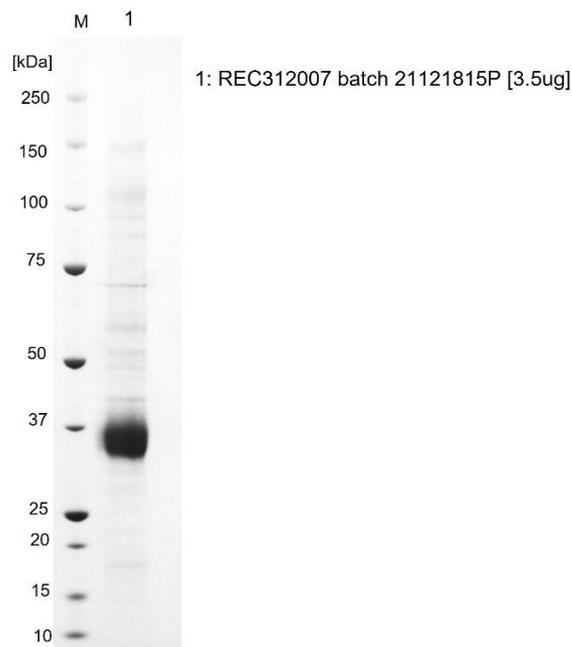
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**SDS-PAGE:** Representative Coomassie-stained reducing SDS-PAGE showing purified SARS-CoV-2 (B.1.1.529/Omicron) receptor binding domain (RBD).



12/19/2021

X

QC  
Signed by: Holger Hannemann

19/12/2021

X

QA  
Signed by: Nicholas Roesen

**Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.**

